

Yuqing Qiu

Diploma | British Columbia Institute of Technology | New Grad
B.Eng | Tongji University | Graduated

CONTACT

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SKILLS

PROGRAMMING

Java • Python • JavaScript • C • C++
Frameworks and Packages:
NodeJS • ReactJS • jQuery • VueJS
Django • Keras • SciKit-Learn • Pandas
MySQL • MongoDB • Shell • Bash
Familiar:
PHP • HTML5 • CSS • REST API

EDUCATION

BCIT

Diploma in AI and Machine Learning
2016.Sept - 2018.Dec

TONGJI UNIVERSITY

B.Eng in Mechatronics
2011.Sept - 2015.Jul

COURSES

BCIT

Machine Learning
Web Design and Development
Software Engineering
Operating Systems
Android

TONGJI UNIVERSITY

Object Oriented Programming
Assembly Language
Signals and Systems
Manufacturing Automation
Electronics Engineering
Applied Mechanics

AWARDS

2015	1 st /20	PhoenixContact Xplore Contest, Factory Category
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EXPERIENCE

NETINT INC. | PYTHON, TEST AUTOMATION, SQL, BASH, JAVASCRIPT TEST DEVELOPER

Jun. 2018 - Aug. 2018 | Vancouver

- Created PCIe 4.0 + NVMe performance test in Python and Bash.
- Managed SQL database and Jenkins agents for test automation.
- Created a GUI for the showcase attending Flash Memory Summit in JavaScript.
- Managed hardware environment of PCIe 4.0 + NVMe performance tests.

ASIC DESIGN ENGINEER CO-OP

Jun. 2017 - Aug. 2017 | Vancouver

- Developed a GUI for the firmware team to visualize their debugging process.
- Worked with both hardware and firmware team to create sanity tests cases. And kept the test cases up-to-date with the firmware versions each week.
- Ran sanity tests and summarized the results for weekly reports.

AIRG INC.

QA SPECIALIST CO-OP

Sept 2017 - Dec 2017 | Vancouver

- Drafted test cases for each release of the apps and websites.
- Worked on localization pages in HTML and JavaScript.
- Worked closely with developers in an agile development environment, kept each release free of visual bugs.

PROJECTS

ICBC CLAIM PREDICTION | PYTHON, SCIKIT-LEARN, KERAS

I led a team of 3, developed a machine learning model used for ICBC claim prediction. The model will predict if a claim will occur, and the amount of claim if occurred, based on vehicle conditions and customer characteristics. Got 2nd place out 9 competing teams on lowest mean error.

ABALONE AI PLAYER | HEURISTIC FUNCTIONS, ALPHA-BETA PRUNING

Worked in a team of 5 to develop a gaming AI making moves by evaluating the gaming board and predicting opponent's possible moves.

WEB DEVELOPING | NODEJS, EXPRESSJS, VUEJS

Worked in a team of 5 to develop a web app collecting skill set for users. Worked on both front end and back end. Also worked on the deploying and launching of the web app on GoDaddy and Heroku.

CHESS GAME | JAVA, OBJECT-ORIENTED

A chess game developed in Java with AWT and Swing. Gaming status savable using Java Serialization.

BIKER ANDROID APP | JAVA, ANDROID, GOOGLE APIS

An app designed for bikers using the open database from New Westminster City. Bikers can plan their trip in the city with the information of detailed lockers, racks, trails, and weather forecast.